SAP Fiori Solution for SAP Access Control

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SAP Fiori provides a user-friendly and intuitive interface to access some capabilities of the SAP GRC products — SAP Access Control, SAP Process Control and SAP Risk Management.

Earlier the scope of accessing GRC workflows through SAP GUI was restricted to desktops, so as to bridge the gap between the growing digital needs and traditional SAP GUI system, SAP introduced Fiori, thus making the GRC workflows available on any digital platform (Phones, Tablet etc.) as well.

The blog post will help you understand as to which SAP Access Control Fiori solution will work best for your Business requirement.

ABAP ADD- ON COMPONENT FOR FIORI:

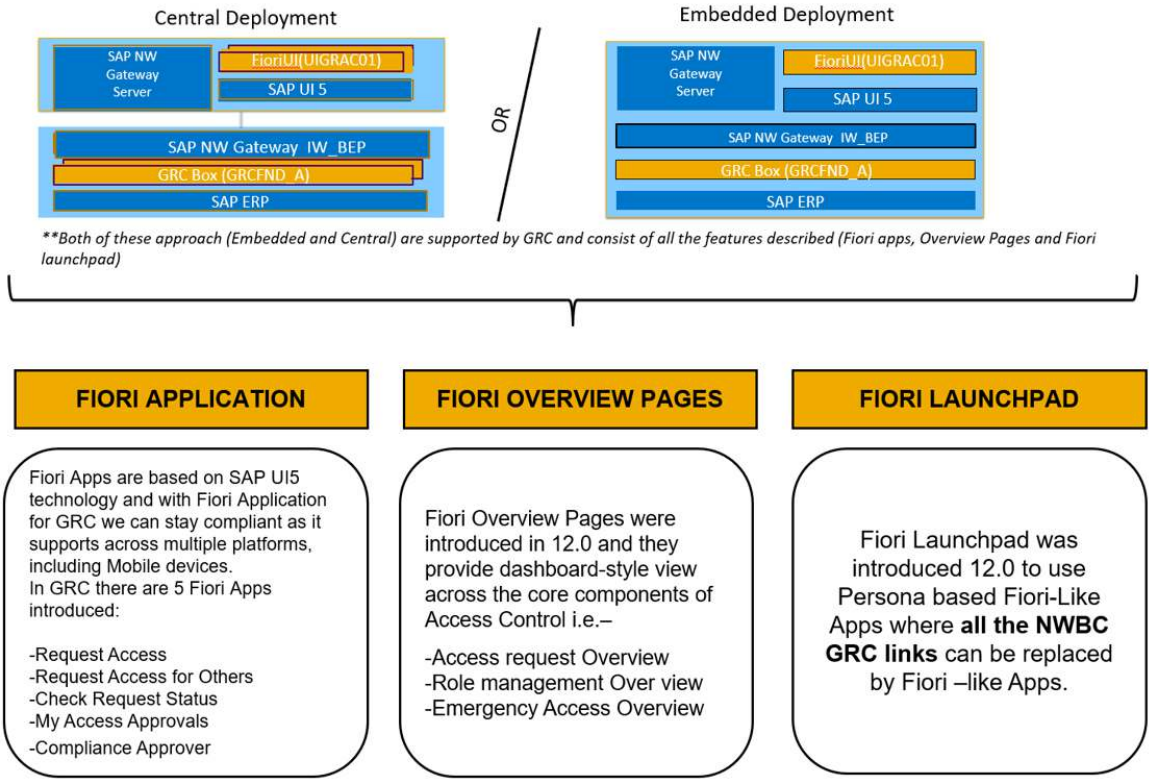
The SAP Fiori functionality for SAP Access Control is delivered via the ABAP Add-On i.e.

- **UIGRAC01** for SAP Access Control 12.0 (Minimum **SAP UI 7.52 SP02**)
  [Customers using Process control and Risk Management can deploy Component **UIGRRMPC** for 12.0 (Refer to Note 2624151)]

- **UIGRC001** for SAP Access Control 10.1
  [Customers using Process Control and Risk management can deploy **UIGRPC01** and **UIGRRM01** respectively for GRC 10.1.(Refer to Note 2624151)

DEPLOYMENT:

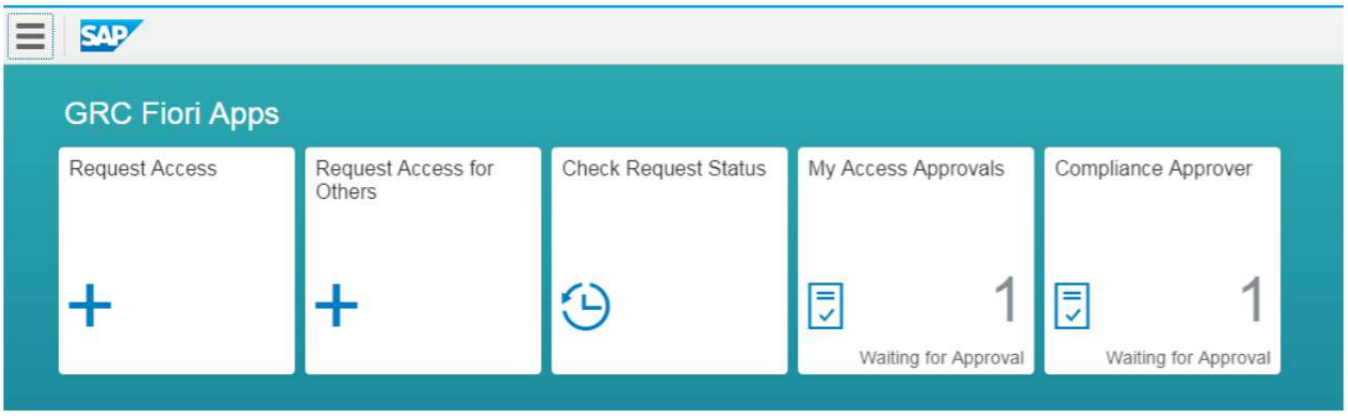
There are two ways of deployment, either we can do a **Central Hub Deployment** (GRC and SAP Fiori both on separate system) or do an **Embedded Deployment** (GRC and SAP Fiori installed on the same system)

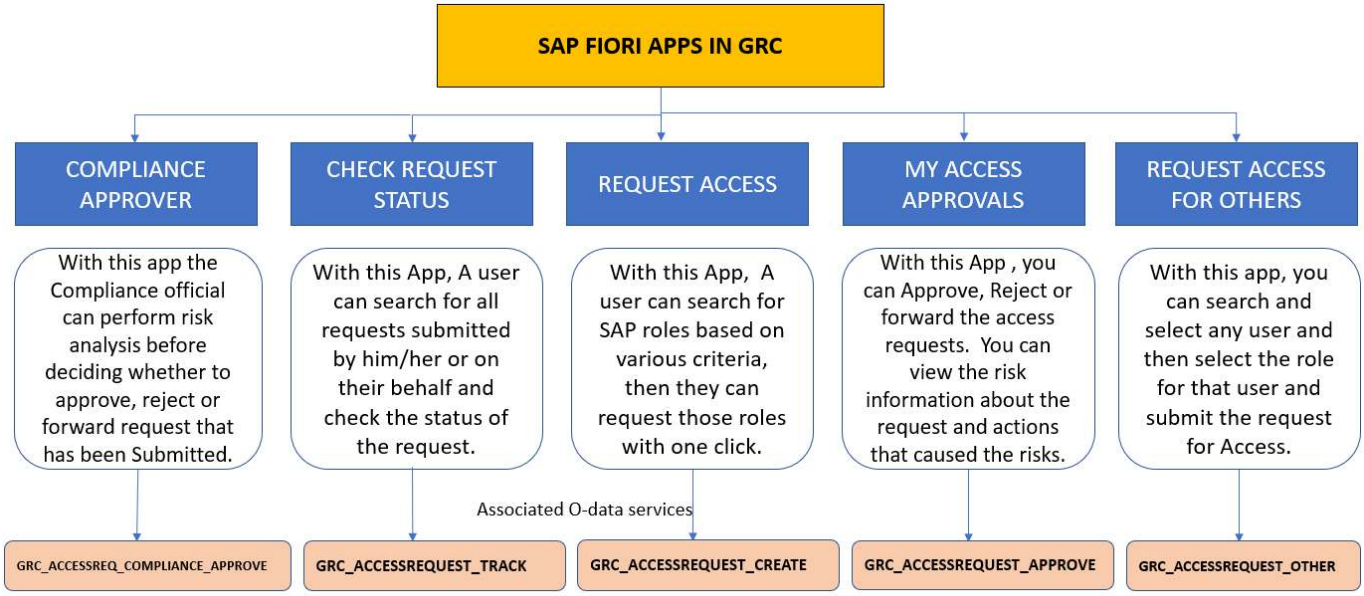

Central Deployment
SAP NW Gateway Server
FioriUI(UIGRAC01)
SAP UI 5
SAP NW Gateway IW_BEP
GRC Box (GRCFND_A)
SAP ERP
OR
Embedded Deployment
SAP NW Gateway Server
FioriUI(UIGRAC01)
SAP UI 5
SAP NW Gateway IW_BEP
GRC Box (GRCFND_A)
SAP ERP
**Both of these approach (Embedded and Central) are supported by GRC and consist of all the features described (Fiori apps, Overview Pages and Fiori launchpad)
FIORI APPLICATION
Fiori Apps are based on SAP UI5 technology and with Fiori Application for GRC we can stay compliant as it supports across multiple platforms, including Mobile devices.
In GRC there are 5 Fiori Apps introduced:
-Request Access
-Request Access for Others
-Check Request Status
-My Access Approvals
-Compliance Approver
FIORI OVERVIEW PAGES
Fiori Overview Pages were introduced in 12.0 and they provide dashboard-style view across the core components of Access Control i.e.–
-Access request Overview
-Role management Over view
-Emergency Access Overview
FIORI LAUNCHPAD
Fiori Launchpad was introduced 12.0 to use Persona based Fiori-Like Apps where all the NWBC GRC links can be replaced by Fiori –like Apps.

Depending on your GRC release you can avail the features available via the ADD ON.

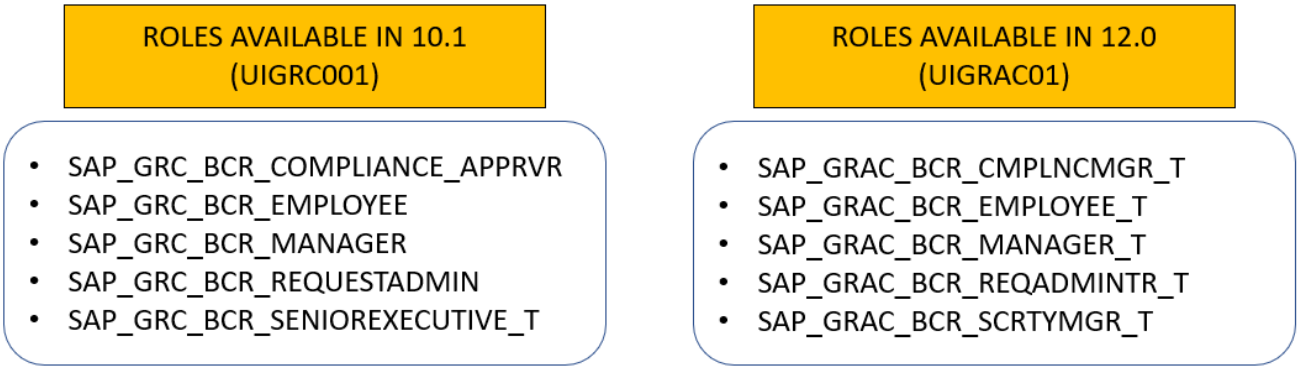
FIORI APPLICATION:

- The SAP Access Control Fiori Application was introduced in 10.1 and is available for both 10.1 and 12.0 via UIGRC001 and UIGRAC01 respectively.
- There are total 5 Fiori Apps available in SAP Access Control.




SAP FIORI APPS IN GRC
COMPLIANCE APPROVER
CHECK REQUEST STATUS
REQUEST ACCESS
MY ACCESS APPROVALS
REQUEST ACCESS FOR OTHERS
With this app the Compliance official can perform risk analysis before deciding whether to approve, reject or forward request that has been Submitted.
With this App, A user can search for all requests submitted by him/her or on their behalf and check the status of the request.
With this App, A user can search for SAP roles based on various criteria, then they can request those roles with one click.
With this App , you can Approve, Reject or forward the access requests. You can view the risk information about the request and actions that caused the risks.
With this app, you can search and select any user and then select the role for that user and submit the request for Access.
Associated O-data services
GRC_ACCESSREQ_COMPLIANCE_APPROVE
GRC_ACCESSREQUEST_TRACK
GRC_ACCESSREQUEST_CREATE
GRC_ACCESSREQUEST_APPROVE
GRC_ACCESSREQUEST_OTHER

- You can activate and maintain the O-data service and add the given systems in “System Alias” via Transaction “/IWFND/MAINT_SERVICE” or follow the below path.
  SPRO->SAP NetWeaver-> SAP Gateway->OData Channel->Administration->General Settings->Activate and Maintain services.
- There are 5 default PFCG roles that are delivered as part of UIGRC001 and UIGRAC01 which are –

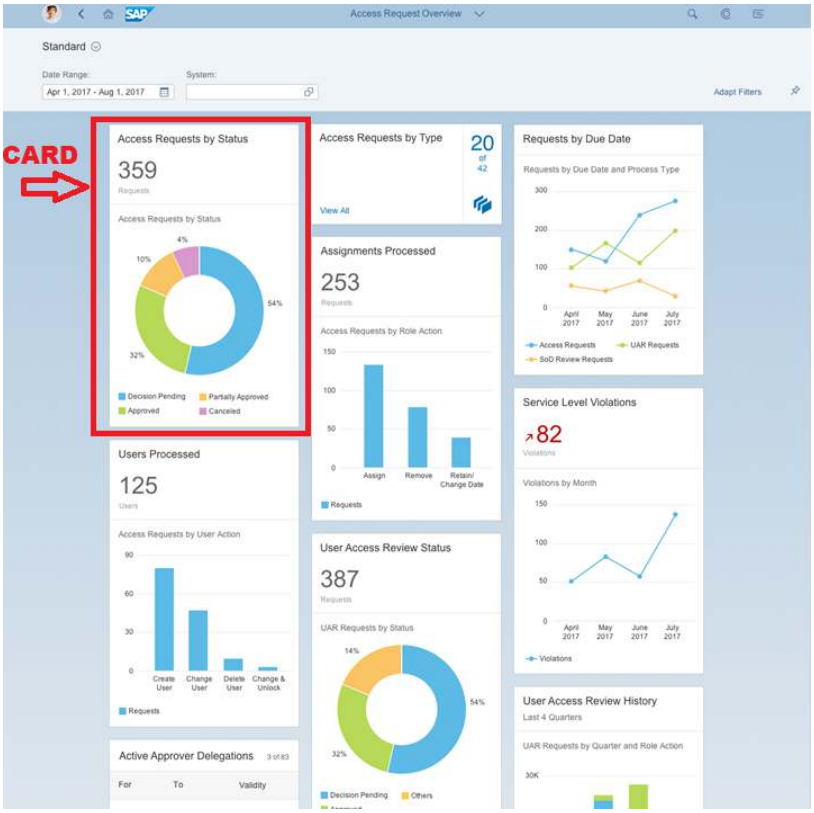


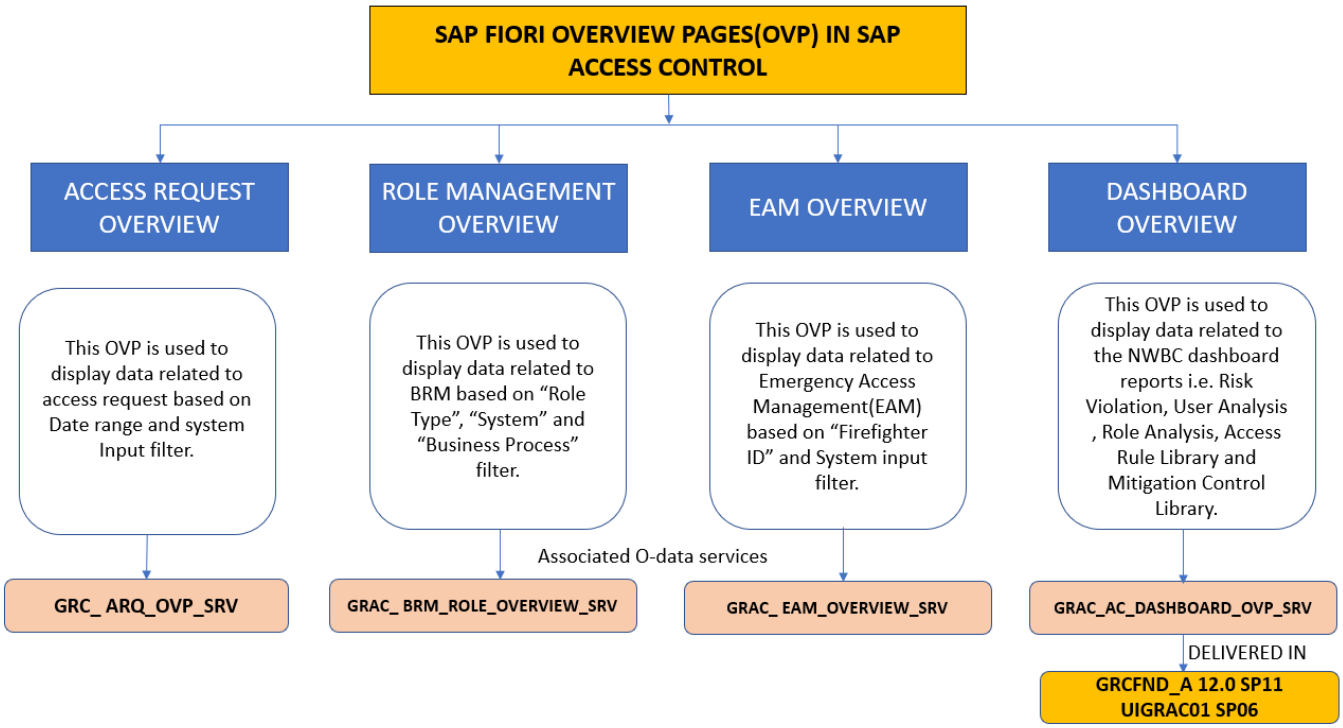
Important Links:

- https://fioriappslibrary.hana.ondemand.com/sap/fix/externalViewer/
- https://help.sap.com/doc/e2ccae7ee6354b169cf845cd665e07fe/1.0%202016-07/en-US/frameset.htm?frameset.htm

FIORI OVERVIEW PAGES:

- The SAP GRC Fiori Overview Pages (OVP) are based on SAP Fiori elements technology and are currently available for GRC 12.0 and you need to have UIGRAC01 ADD-ON component installed.
- The SAP Overview pages provide greater insights on all the GRC related information on a single page which allows the user to focus on the most important tasks, and view, filter, and react to the information quickly.
- There are 3 Overview pages(OVP) available in GRC and each OVP displays multiple card and each card shows data related to the associated “Dashboard reports” in NWBC.




SAP FIORI OVERVIEW PAGES(OVP) IN SAP ACCESS CONTROL
ACCESS REQUEST OVERVIEW
ROLE MANAGEMENT OVERVIEW
EAM OVERVIEW
DASHBOARD OVERVIEW
This OVP is used to display data related to access request based on Date range and system Input filter.
This OVP is used to display data related to BRM based on "Role Type", "System" and "Business Process" filter.
This OVP is used to display data related to Emergency Access Management(EAM) based on "Firefighter ID" and System input filter.
This OVP is used to display data related to the NWBC dashboard reports i.e. Risk Violation, User Analysis , Role Analysis, Access Rule Library and Mitigation Control Library.
Associated O-data services
GRC_ ARQ_OVP_SRV
GRAC_ BRM_ROLE_OVERVIEW_SRV
GRAC_ EAM_OVERVIEW_SRV
GRAC_AC_DASHBOARD_OVP_SRV
DELIVERED IN
GRCFND_A 12.0 SP11
UIGRAC01 SP06

- You need to activate and maintain the O-data service and add the GRC system in "System Alias" via Transaction "/IWFND/MAINT_SERVICE".
- Besides this, you need to add the backend PFCG Role "SAP_GRAC_BCR_SCRTYMGR_T" in order to access these Overview Pages (OVP).
- Currently the SAP Access control Overview Pages (OVP) show data for last 4 months.
- As mentioned, each topic in the GRC Overview Pages is represented by a card and each card is mapped to the Associated Dashboard report in NWBC, so when you click on the card the report gets opened.

- A new OVP is added in **GRCFND_A SP11-UIGRAC01 SP6**, which is the "**GRC Access Control Dashboard OVP"** and this OVP displays data related to the NWBC dashboard reports.(Refer to Note 3004501 and 3004415)

For more information on which card is mapped to which associated report in NWBC please refer to the below Charts.

ACCESS REQUEST OVERVIEW

CARD TYPE	ASSOCIATED REPORT IN NWBC
Access request by status Access request by Type	Reports and Analytics > Access Dashboards > Access Requests
Requests by Due date Service level Violations	Reports and Analytics > Access Dashboards > Service Level for Access Request
Assignment processed Users processed	Reports and Analytics > Access Dashboards > Access Provisioning
Active Approver Delegations	Reports and Analytics > Access Request Reports > Approver Delegation
User Access Review Status	Reports and Analytics > Access Request Reports > User Review Status Report
User Access Review History	Reports and Analytics > Access Request Reports > User Access Review History Report

ROLE MANAGEMENT OVERVIEW

CARD TYPE	ASSOCIATED REPORT IN NWBC
Roles by Type	Reports and Analytics > Access Dashboards > Role Library
Roles by Generation Date	Reports and Analytics > Role Management Reports > Role by Date of Generation
Roles by Current Phase	Access Management > Role Management > Role Search
Count Authorizations in Roles	Reports and Analytics > Role Management Reports > Count Authorization in Roles
Role Relationship Reports	Each list item links to corresponding report in AC
Usage Reports	Each list item links to corresponding report in AC

EAM OVERVIEW

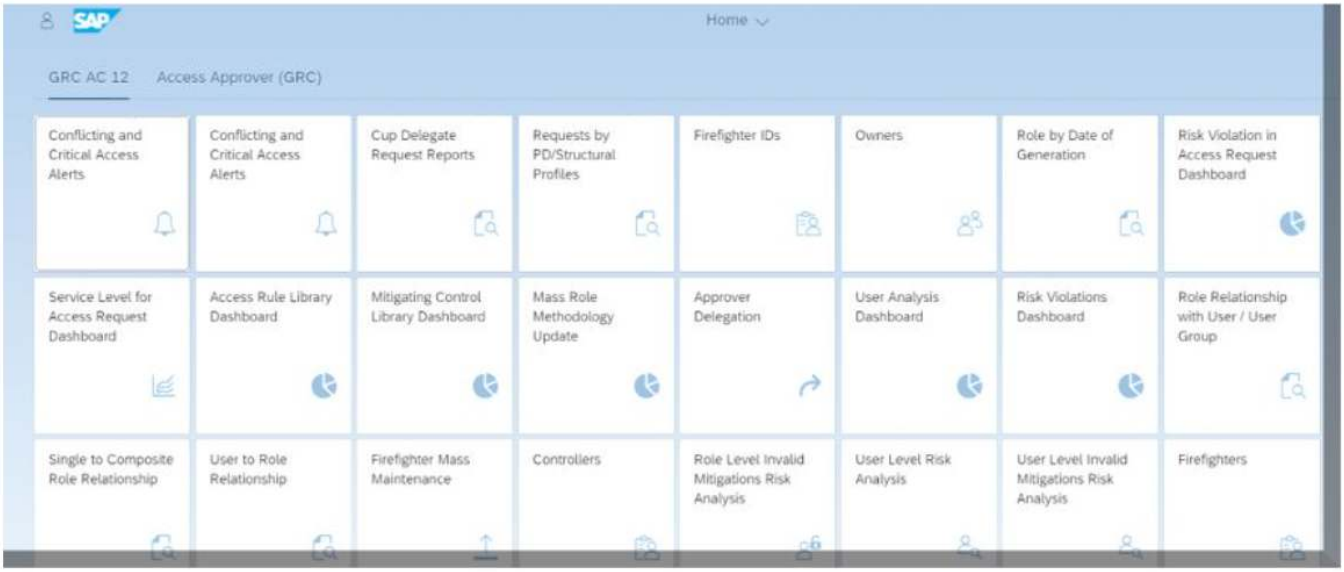
CARD TYPE	ASSOCIATED REPORT IN NWBC
Firefighter Activity Firefighter Usage by System	Reports and Analytics > Emergency Access User Management Reports > Consolidated Log Report
Firefighter Log Review Status	Access Management > Access Request Administration > Search Requests
Firefighter SoD Conflicts	Reports and Analytics > EAM Reports > SOD Conflict Report for Firefighter IDs
Invalid Superusers	Reports and Analytics > EAM Reports > Invalid Superuser Report
EAM Reports	Each list item links to corresponding report in AC

FIORI LAUNCHPAD:

The SAP GRC Fiori launchpad was introduced in 12.0 and you need to have ADD-ON **UIGRAC01** installed in your system**.**

NOTE: The Add -On **UIGRAC01** includes both Fiori apps and Fiori launchpad(12.0) and **UIGRC001** only has only Fiori apps (10.1)

- With Fiori launchpad, all the NWBC links can be replaced to Fiori like Apps.



- For this feature, you don't need to activate any O-data service, you just need to Install Add-On Component UIGRAC01 and the SAP UI must be on 7.52 SP02.
- SAP Access Control 12.0 delivers a set of SAP Fiori business catalogs that enable you to open the WebDynpro Access Control applications in the launchpad.
- Each NWBC link of GRC box has different a Semantic Object (which points to the same Webdynpro link) associated with it and is further used within Tiles in Technical catalog

Important Links:

- https://help.sap.com/doc/a877d9f274d3471c9ef107e7b9fa1eef/12.0.02/en-US/loio9e08a4211c104a9696cdffccdc9bb3c8.pdf
- https://blogs.sap.com/2019/05/03/grc-12-fiori-launchpad-configurations/

Based on the your landscape and business requirement you can implement the respective SAP Access control Fiori solutions as mentioned above.

List of Important Notes:

- 2628011 – Where to find documentation on GRC Integration with SAP Fiori
- 2634112 – Fiori Access Control – Recommendations / Supportability guidelines / Best Practices
- 2654895 – FAQ: GRC Access Control 12.0 Installation Questions and Recommendations
- 2912555 – Does it require separate licence to integrate FIORI with my GRC 12.0 install?
- 1929930 – Release Information Note for UI for GRC 10.1
- 2909690 – Fiori tiles are not visible in the launchpad.